

PATENT
TH2559

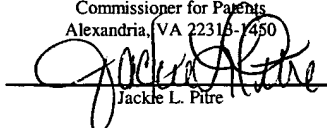
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/693,700
Filing Date: October 24, 2003
Confirmation No.:
Inventors: Vinegar et al.
Title: VARIABLE FREQUENCY
TEMPERATURE LIMITED
HEATERS

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Examiner: unknown
Art Unit:
Atty. Dkt. No.: 5659-21000

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| <p>CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8</p> <p>DATE OF DEPOSIT: <u>5/18/04</u></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to:</p> <p>Commissioner for Patents Alexandria, VA 22318-1450</p> <p> Jackie L. Pitre</p> |
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INFORMATION DISCLOSURE STATEMENT

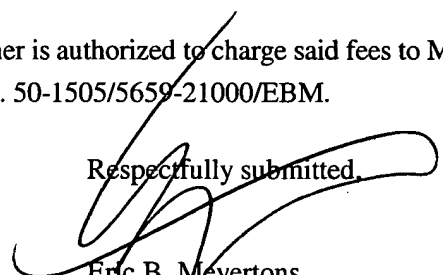
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 (references A341-A348, B1, C103-C107, D10, E11-E14, F3, G3, G4, G6, G9, H2, L12, AA01-AA10, AA12-AA14, FO1-4, AC1-4, and CC01) be considered by the Examiner and made of record. Copies of the listed documents are enclosed for the convenience of the Examiner.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5659-21000/EBM.

Respectfully submitted,

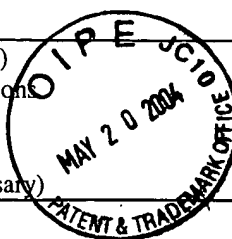

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Date: 5/18/04

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)



ATTY. DKT. NO. 5659-21000

INVENTORS: Vinegar et al.

FILING DATE: 10/24/2003

SERIAL NO.: 10/693,700

CONFIRMATION NO.:

GROUP:

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|----------------|-----------|-----------------|------------|---------|-------|-----------|--------------------|
| | AA01 | 983,704 | 2/17/1976 | CA | | | |
| | AA02 | 294809 | 12/14/1988 | EP | | | |
| | AA06 | 357314 | 9/22/1993 | EP | | | |
| | AA07 | 1010023 | 11/17/1965 | GB | | | |
| | AA08 | 1588693 | 4/29/1981 | GB | | | |
| | AA09 | 98/50179 | 11/12/1998 | WO | | | |
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| | A341 | Wong et al., "An Evaluation of Triple Quadruple MS/MS for On-Line Gas Analyses of Trace Sulfur Compounds from Oil Shale Processing," January 1985, 30 pages. |
| | A342 | Wong et al., "Source and Kinetics of Sulfur Species in Oil Shale Pyrolysis Gas by Triple Quadruple Mass Spectrometry," October 1983, 14 pages. |
| | A343 | Cena et al., The Centralia Partial Seam CRIP Underground Coal Gasification Experiment, June 1984, 38 pages. |
| | A344 | Hill et al., "Results of the Centralia Underground Coal Gasification Field Test," August 1984, 18 pages. |
| | A345 | Cena et al., "Excavation of the Partial Seam CRIP Underground Coal Gasification Test Site, August 14, 1987, 11 pages. |
| | A346 | Cena et al., "Assessment of the CRIP Process for Underground Coal Gasification: The Rocky Mountain I Test," August 1, 1988, 22 pages. |
| | A347 | Camp et al., "Mild Coal Gasification-Product Separation, Pilot-Unit Support, Twin Screw Heat Transfer, and H ₂ S Evolution," August 9, 1991, 12 pages. |
| | A348 | Stone et al., "Underground Coal Gasification Site Selection and Characterization in Washington State and Gasification Test Designs," September 10, 1980, 62 pages. |
| | B1 | "Proposed Field Test of the Lims Method Thermal Oil Recovery Process in Athabasca McMurray Tar Sands" McMurray, Alberta; Husky Oil Company Cody, Wyoming. |
| | C103 | Byer, et al., "Appalachian Coals: Potential Reservoirs for Sequestering Carbon Dioxide Emissions from Power Plants While Enhancing CBM Production;" Proceedings of the International Coalbed Methane Symposium. |
| | C104 | Hanisch, C., "The Pros and Cons of Carbon Dioxide Dumping Global Warming Concerns Have Stimulated a Search for Carbon Sequestration Technologies," Environmental Science and Technology, American Chemical Society, Easton, PA. |
| | C105 | Schoeling et al., "Pilot Test Demonstrates How Carbon Dioxide Enhances Coal Bed Methane Recovery," Petroleum Technology Digest, September 2000, pp. 14-15. |
| | C106 | Berchenko et al., "In Situ Measurement of Some Thermoporoelectric Parameters of a Granite," Poromechanics, A Tribute to Maurice Biot, 1998, pp. 545-550. |
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| | D10 | Collin et al., Tar and Pitch, Ullmann's Encyclopedia of Industrial Chemistry, Vol. A 26, 1995, pp. 91-127. |
| | E11 | Kirk et al., Coal, Encyclopedia of Chemical Technology, Wiley, New York, 4th edition, 1991, Vol. 6, pp. 423-488. |
| | E12 | Cortez et al., UK Patent Application GB 2,068,014 A, Date of Publication: August 5, 1981. |
| | E13 | Wellington et al., US Patent Application 60/273,354, Filed March 5, 2001. |

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|---|------|---|------------------------|
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | ATTY. DKT. NO. 5659-21000 | SERIAL NO.: 10/693,700 |
| | | INVENTORS: Vinegar et al. | CONFIRMATION NO.: |
| | | FILING DATE: 10/24/2003 | GROUP: |
| | E14 | The VertiTrak System Brochure, Baker Hughes, INT-01-1307A4, 2001, 8 pages. | |
| | F3 | Singer et al., "Thermal, Mechanical, and Physical Properties of Selected Bituminous Coals and Cokes," US Department of Interior, Bureau of Mines, 1979, Government Report No. 8364. | |
| | G3 | Rogers, R. E., Coalbed Methane: Principles and Practice, Prentice-Hall, Inc. 1994, pp. 68-97. | |
| | G4 | Department of Energy Coal Sample Bank and Database http://www.energy.psu.edu/arg/doesb.htm , June 4, 2002. | |
| | G6 | Rogers, R. E., Coalbed Methane: Principles and Practice, Prentice-Hall, Inc. 1994, pp. 164-165. | |
| | G9 | Hyne, N. J., Geology for Petroleum Exploration, Drilling, and Production. McGraw-Hill Book Company, 1984, p. 264. | |
| | H2 | Hobson, G. D., Modern Petroleum Technology, Halsted Press, Applied Science Publishers LTD. 1973, pp. 786-787. | |
| | L12 | Van Krevelen, COAL: Typology-Physics-Chemistry-Constitution, 1993, pp. 27, 42, 52, 322, 323, 324, 325, 326, 526, 527, 726. | |
| | AA03 | Genrich et al., "A Simplified Performance-Predictive Model for In-situ Combustion Processes", Society of Petroleum Engineers Reservoir Engineering, May 1988, pp. 410-418. | |
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| | AA12 | Rangel-German et al., "Electrical-Heating-Assisted Recovery for Heavy Oil", pages 1-43. | |
| | AA13 | Kovscek, A. R., "Reservoir Engineering analysis of Novel Thermal Oil Recovery Techniques applicable to Alaskan North Slope Heavy Oils", pages 1-6. | |
| | FO1 | "Temperature Monitoring Using Fiber-Optic Sensors", www.steamtech.com/fiberoptics.html , August 4, 2003, 6 pages. | |
| | FO2 | "Fiber Optic Permanent Reservoir Monitoring Systems: Bringing a Continuous Stream of Reservoir Information to the Surface", www.SensorTran.com/DTS%20whitepaper1.pdf , downloaded August 4, 2003, 13 pages. | |
| | FO3 | "Catalytic Glow Plugs and Ignitors", www.holdfastmac.com.au/howglowplug.html , August 4, 2003, 6 pages. | |
| | FO4 | Hurtig et al., "Distributed Fiber Optics for Temperature Sensing in Building and other Structures," Proceedings of the 24 th Annual Conference of the IEEE Industrial Electronics Society, August 4, 1998, pp. 1829-1834. | |
| | AC1 | Yamamoto et al., "Borehole Acoustic Reflection Survey Experiments in Horizontal Wells for Accurate Well Positioning", SPE/Petroleum Society of CIM, November 2000, 7 pages. | |
| | AC2 | Coates et al., "Single-well Sonic Imaging: High -Definition Reservoir Cross-sections from Horizontal Wells", SPE/Petroleum Society of CIM 65457, November 2000, 10 pages. | |
| | AC3 | Esmersoy et al., "Acoustic imaging of reservoir structure from a horizontal well", Submitted to Leading Edge, January 2001, 17 pages. | |
| | AC4 | Watanabe et al., "Reflector Imaging Using Borehole Acoustic Reflection Survey", Proc. Fourth Well Logging Symp. Japan, Soc. Prof. Well Log Anal., Paper Q, 1998, 8 pages. | |
| | CC01 | Porter, H. P., Petroleum Dictionary for Oil, Field, and Factory, The Gulf Publishing Company, 1948, 4th Ed., page 312. | |

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